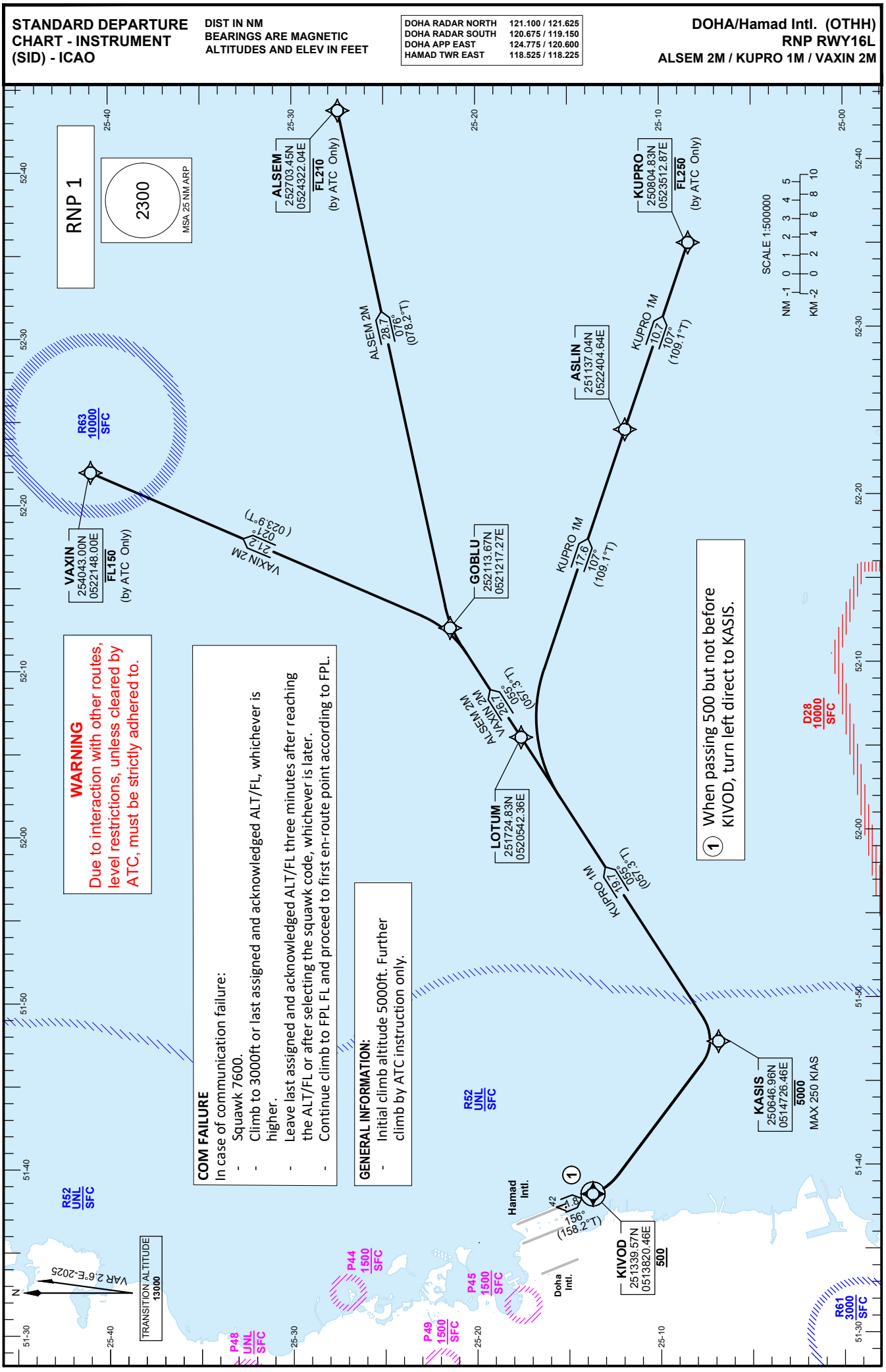

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO
DIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET
DOHA RADAR NORTH 121.100 / 121.625
DOHA RADAR SOUTH 120.675 / 119.150
DOHA APP EAST 124.775 / 120.600
HAMAD TWR EAST 118.525 / 118.225
DOHA/Hamad Intl. (OTHH)
RNP RWY16L
ALSEM 2M / KUPRO 1M / VAXIN 2M
RNP 1
2300
MSA 25 NM ARP
ALSEM
252703.45N
0524322.04E
FL210
(by ATC Only)
KUPRO
250804.83N
0523512.87E
FL250
(by ATC Only)
ASLIN
251137.04N
0522404.64E
VAXIN
254043.00N
0522148.00E
FL150
(by ATC Only)
GOBLU
252113.67N
0521217.27E
LOTUM
251724.83N
0520542.36E
KASIS
250646.96N
0514726.46E
5000
MAX 250 KIAS
KIVOD
251339.57N
0513820.46E
500
ALSEM 2M
28.7
076°
(078.2°T)
KUPRO 1M
10.7
107°
(109.1°T)
KUPRO 1M
17.6
107°
(109.1°T)
VAXIN 2M
21.2
021°
(023.9°T)
ALSEM 2M
VAXIN 2M
21.7
055°
(057.3°T)
KUPRO 1M
19.1
055°
(057.3°T)
R63
10000
SFC
R52
UNL
SFC
R52
UNL
SFC
D28
10000
SFC
R61
3000
SFC
P44
1500
SFC
P45
1500
SFC
P49
1500
SFC
P48
UNL
SFC
WARNING
Due to interaction with other routes, level restrictions, unless cleared by ATC, must be strictly adhered to.
COM FAILURE
In case of communication failure:
- Squawk 7600.
- Climb to 3000ft or last assigned and acknowledged ALT/FL, whichever is higher.
- Leave last assigned and acknowledged ALT/FL three minutes after reaching the ALT/FL or after selecting the squawk code, whichever is later.
- Continue climb to FPL FL and proceed to first en-route point according to FPL.
GENERAL INFORMATION:
- Initial climb altitude 5000ft. Further climb by ATC instruction only.
1 When passing 500 but not before KIVOD, turn left direct to KASIS.
SCALE 1:500000
NM -1 0 1 2 3 4 5
KM -2 0 2 4 6 8 10
VAR 2.6°E-2025
TRANSITION ALTITUDE 13000
Hamad Intl.
Doha Intl.
42
7.6
156°
(158.2°T)

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

DOHA/Hamad Intl.(OTHH)
RNP RWY 16L
ALSEM 2M / KUPRO 1M / VAXIN 2M

TABULAR DESCRIPTION

RNP SID ALSEM 2M

Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA(°)/ TCH(ft)	Navigation Specification
1	CF	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	KASIS	-	-	-2.6	-	L	-5000	-250	-	RNP 1
4	TF	GOBLU	-	055 (057.3)	-2.6	26.7	-	-	-	-	RNP 1
5	TF	ALSEM	-	076 (078.2)	-2.6	28.7	-	-FL210	-	-	RNP 1
Remarks	ALSEM -FL210 by ATC only										

RNP SID KUPRO 1M

Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA(°)/ TCH(ft)	Navigation Specification
1	CF	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	KASIS	-	-	-2.6	-	L	-5000	-250	-	RNP 1
4	TF	LOTUM	-	055 (057.3)	-2.6	19.7	-	-	-	-	RNP 1
5	TF	ASLIN	-	107 (109.1)	-2.6	17.6	-	-	-	-	RNP 1
6	TF	KUPRO	-	107 (109.1)	-2.6	10.7	-	-FL250	-	-	RNP 1
Remarks	KUPRO -FL250 by ATC only										

RNP SID VAXIN 2M

Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA(°)/ TCH(ft)	Navigation Specification
1	CF	KIVOD	Y	156 (158.2)	-2.6	1.8	-	-	-	-	RNP 1
2	CA	-	-	156 (158.2)	-2.6	-	-	+500	-	-	RNP 1
3	DF	KASIS	-	-	-2.6	-	L	-5000	-250	-	RNP 1
4	TF	GOBLU	-	055 (057.3)	-2.6	26.7	-	-	-	-	RNP 1
5	TF	VAXIN	-	021 (023.9)	-2.6	21.2	-	-FL150	-	-	RNP 1
Remarks	VAXIN -FL150 by ATC only										

WAYPOINT LIST

RNP SID ALSEM 2M / KUPRO 1M / VAXIN 2M

Waypoint Identifier	Coordinates
KIVOD	251339.57N 0513820.46E
KASIS	250646.96N 0514726.46E
GOBLU	252113.67N 0521217.27E
ALSEM	252703.45N 0524322.04E
LOTUM	251724.83N 0520542.36E
ASLIN	251137.04N 0522404.64E
KUPRO	250804.83N 0523512.87E
VAXIN	254043.00N 0522148.00E

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